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PTO/SB/05 (2/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No. 4795-001

First Inventor or Application Identifier Yeo

Title Enhanced Chip Scale Package for Flip Chips

Express Mail Label No. EV016784297US



02/19/02

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. *Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 23]
(preferred arrangement set forth below)
 - Descriptive title to the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
4. Oath or Declaration [Total Pages 21]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting

inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

6. Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & document(s))
9. 37 C.F.R. § 3.73(b) Statement Power of Attorney
(when there is an assignee)
10. English Translation Document (if applicable)
11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
12. Preliminary Amendment
13. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. *Small Entity Statement filed in prior application, Statement(s) Status still proper and desired
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Other: Express Mail Certificate
Claim of Priority

***NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary statement:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No: _____ / _____

Prior application information:

Examiner: _____

Group/Art Unit: _____

18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Labelor Correspondence address below24112
(Insert Customer No. or Attach bar code label here)
PATENT TRADEMARK OFFICE

| | | | |
|---------|-----------|----------|--|
| NAME | | | |
| | | | |
| ADDRESS | | | |
| | | | |
| CITY | STATE | ZIP CODE | |
| COUNTRY | TELEPHONE | FAX | |

| | | | |
|-------------------|----------------|-----------------------------------|------------------------|
| Name (Print/Type) | Larry L. Coats | Registration No. (Attorney/Agent) | 25,620 |
| Signature | | | Date February 19, 2002 |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Yeo et al.)
Serial No.:)
Filed :)
For : **ENHANCED CHIP SCALE PACKAGE FOR**)
FLIP CHIPS)
Attorney's Docket No.: 4795-001)

**Express Mail Certification
Label No. EV016784297US**

Raleigh, North Carolina
February 19, 2002

Commissioner for Patents
BOX PATENT APPLICATION
Washington, D.C. 20231

Sir:

EXPRESS MAIL CERTIFICATE LABEL NO. EV016784297US

DATE MAILED: February 19, 2002

I hereby certify that the enclosed US Utility Patent Application Transmittal Form, Fee Transmittal Form (2 Copies), specification and claims, drawings (9 sheets), Declaration and Power of Attorney, Claim of Priority, and our check number 5856 in the amount of \$667 are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Commissioner for Patents, BOX PATENT APPLICATION, Washington, D.C. 20231.

Respectfully submitted,

COATS & BENNETT, P.L.L.C.

By:



Larry L. Coats
Registration No. 25,620

Telephone: (919) 854-1844

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1

These are the fees effective December 29, 1999.

Small Entity payments must be supported by a small entity statement.

Otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT **\$667.00**

Complete if Known

| | |
|----------------------|------------|
| Application Number | TBA |
| Filing Date | 2002-02-19 |
| First Named Inventor | Yeo |
| Examiner Name | TBA |
| Group Art Unit | TBA |
| Attorney Docket No. | 4795-001 |

METHOD OF PAYMENT (check one)

1. The Commission is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 18-1167

Deposit Account Name Coats & Bennett, P.L.L.C.

Charge Any Additional Charge the Issue Fee Set in
Fee Required Under 37 CFR §1.18 at the Mailing of the
37 CFR §§1.16 and 1.17 Notice of Allowance

2. Payment Enclosed:
 Check Money Order Other

FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|-----------------|----------|
| 101 | 690 | 201 | 370 |
| 106 | 310 | 206 | 155 |
| 107 | 480 | 207 | 240 |
| 108 | 760 | 208 | 380 |
| 114 | 150 | 214 | 75 |
| SUBTOTAL (1) | | \$370.00 | |

2. EXTRA CLAIM FEES

| Extra Claims | Fee from below | Fee Paid |
|---------------|------------------------|----------|
| 39 | -20 = 19 X \$9 = \$171 | |
| Independent 6 | -3 = 3 X \$42 = \$126 | |

Claims

Multiple Dependent Claims X =

** or number previously paid, if greater; For Reissues, see below

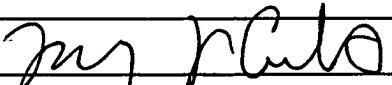
| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|-----------------|
| 103 | 18 | 203 |
| 102 | 78 | 202 |
| 104 | 260 | 204 |
| 109 | 78 | 209 |
| 110 | 18 | 210 |
| SUBTOTAL (2) | | \$297 |

3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|-----------------------------------|----------------------------|-----------------|----------------------------|
| 105 | 130 | 205 | 65 |
| 127 | 50 | 227 | 25 |
| 139 | 130 | 139 | 130 |
| 147 | 2,520 | 147 | 2,520 |
| 112 | 920* | 112 | 920* |
| 113 | 1,840* | 113 | 1,840* |
| 115 | 110 | 215 | 55 |
| 116 | 380 | 216 | 190 |
| 117 | 870 | 217 | 435 |
| 118 | 1,360 | 218 | 680 |
| 128 | 1,850 | 228 | 925 |
| 119 | 300 | 219 | 150 |
| 120 | 300 | 220 | 150 |
| 121 | 260 | 221 | 130 |
| 138 | 1,510 | 138 | 1,510 |
| 140 | 110 | 240 | 55 |
| 141 | 1,210 | 241 | 605 |
| 142 | 1,210 | 242 | 605 |
| 143 | 430 | 243 | 215 |
| 144 | 580 | 244 | 290 |
| 122 | 130 | 122 | 130 |
| 123 | 50 | 123 | 50 |
| 126 | 240 | 126 | 240 |
| 581 | 40 | 581 | 40 |
| 146 | 760 | 246 | 380 |
| 149 | 760 | 249 | 380 |
| Other fee (specify) | | | |
| Other fee (specify) | | | |
| *Reduced by Basic Filing Fee Paid | | | SUBTOTAL (3) \$0.00 |

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-----------------------|---|------|-------------------|-------------------------|---------|
| Typed or Printed Name | Larry L. Coats | | | Reg. Number | 25,620 |
| Signature |  | Date | February 19, 2002 | Deposit Account User ID | 18-1167 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

02/27/2002 DTESSM11 00000041 10078719

| | | |
|-----------|--------|----|
| 01 FC:201 | 370.00 | OP |
| 02 FC:203 | 171.00 | OP |
| 03 FC:202 | 126.00 | OP |

PTO-1556
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